



PPI-119

1

SEQUENCE LISTING

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Ghosh, Sankar
Findeis, Mark A
Phillips, Kathryn
Hannig, Gerhard

<120> ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF

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<140> 09/847,946
<141> 2001-05-02

<150> 60/201,261
<151> 2000-05-02

<150> 09/643,260
<151> 2000-08-22

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<211> 8

<212> PRT

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<220>

<223> Description of Artificial Sequence:NEMO binding
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<400> 89

Leu Asp Phe Ser Trp Leu Gln Thr
1 5

<210> 90

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 90

Thr Ala Leu Asp Tyr Ser Trp Leu Gln Thr Glu
1 5 10

<210> 91

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 91

Leu Asp Tyr Ser Trp Leu Gln Thr Glu
1 5

<210> 92

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 92

Thr Ala Leu Asp Tyr Ser Trp Leu
1 5

<210> 93

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 93

Ala Leu Asp Tyr Ser Trp Leu Gln Thr Glu
1 5 10

<210> 94

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 94

Leu Asp Tyr Ser Trp Leu Gln Thr Glu
1 5

<210> 95

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 95

Leu Asp Tyr Ser Trp Leu
1 5

<210> 96

<211> 10

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<213> Artificial Sequence

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<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 96

Thr Ala Leu Asp Tyr Ser Trp Leu Gln Thr
1 5 10

<210> 97

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 97

Thr Ala Leu Asp Tyr Ser Trp Leu Gln
1 5

<210> 98

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 98

Ala Leu Asp Tyr Ser Trp Leu Gln Thr
1 5

<210> 99

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 99

Leu Asp Tyr Ser Trp Leu Gln
1 5

<210> 100

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 100

Leu Asp Tyr Ser Trp Leu Gln Thr
1 5

<210> 101

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 101

Thr Ala Leu Asp Trp Ala Trp Leu Gln Thr Glu
1 5 10

<210> 102

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 102

Leu Asp Trp Ala Trp Leu Gln Thr Glu
1 5

<210> 103

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 103

Thr Ala Leu Asp Trp Ala Trp Leu
1 5

<210> 104

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 104

Ala Leu Asp Trp Ala Trp Leu Gln Thr Glu
1 5 10

<210> 105

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 105

Leu Asp Trp Ala Trp Leu Gln Thr Glu
1 5

<210> 106

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 106

Leu Asp Trp Ala Trp Leu
1 5

<210> 107

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 107

Thr Ala Leu Asp Trp Ala Trp Leu Gln Thr
1 5 10

<210> 108

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 108

Thr Ala Leu Asp Trp Ala Trp Leu Gln
1 5

<210> 109

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 109

Ala Leu Asp Trp Ala Trp Leu Gln Thr
1 5

<210> 110

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 110

Leu Asp Trp Ala Trp Leu Gln
1 5

<210> 111

<211> 8

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 111

Leu Asp Trp Ala Trp Leu Gln Thr
1 5

<210> 112

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 112

Thr Ala Leu Asp Trp Glu Trp Leu Gln Thr Glu
1 5 10

<210> 113

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 113

Leu Asp Trp Glu Trp Leu Gln Thr Glu
1 5

<210> 114

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 114

Thr Ala Leu Asp Trp Glu Trp Leu
1 5

<210> 115

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 115

Ala Leu Asp Trp Glu Trp Leu Gln Thr Glu
1 5 10

<210> 116

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 116

Leu Asp Trp Glu Trp Leu Gln Thr Glu
1 5

<210> 117

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 117

Leu Asp Trp Glu Trp Leu
1 5

<210> 118

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 118

Thr Ala Leu Asp Trp Glu Trp Leu Gln Thr
1 5 10

<210> 119

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 119

Thr Ala Leu Asp Trp Glu Trp Leu Gln
1 5

<210> 120

<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 120
Ala Leu Asp Trp Glu Trp Leu Gln Thr
1 5

<210> 121
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 121
Leu Asp Trp Glu Trp Leu Gln
1 5

<210> 122
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 122
Leu Asp Trp Glu Trp Leu Gln Thr
1 5

<210> 123
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:membrane
translocation domain

<400> 123
Arg Arg Met Lys Trp Lys Lys
1 5

<210> 124
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:membrane
translocation domain

<400> 124

Tyr	Gly	Arg	Lys	Lys	Arg	Arg	Gln	Arg	Arg	Arg
1				5					10	

<210> 125

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:membrane
translocation domain

<400> 125

Tyr	Gly	Arg	Lys	Lys	Arg	Arg	Gln	Arg	Arg	Arg
1				5					10	

<210> 126

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:membrane
translocation domain

<400> 126

Tyr	Ala	Arg	Lys	Ala	Arg	Arg	Gln	Ala	Arg	Arg
1				5					10	

<210> 127

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:membrane
translocation domain

<400> 127

Tyr	Ala	Arg	Lys	Ala	Arg	Arg	Gln	Ala	Arg	Arg
1				5					10	

<210> 128

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:membrane
translocation domain

<400> 128

Tyr	Ala	Arg	Ala	Ala	Arg	Arg	Ala	Ala	Arg	Arg
1				5					10	

<210> 129

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:membrane
translocation domain

<400> 129

Tyr Ala Arg Ala Ala Arg Arg Ala Ala Arg Arg
1 5 10

<210> 130

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:membrane
translocation domain

<400> 130

Arg Arg Met Lys Trp Lys Lys
1 5

<210> 131

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 131

Arg Arg Met Lys Trp Lys Lys Thr Ala Leu Asp Trp Ser Trp Leu Gln
1 5 10 15

Thr Glu

<210> 132

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 132

Thr Ala Leu Asp Trp Ser Trp Leu Gln Thr Glu
1 5 10

<210> 133

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 133

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Thr Ala Leu Asp Trp
1 5 10 15

Ser Trp Leu Gln Thr Glu
20

<210> 134

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 134

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Thr Ala Leu Asp Trp
1 5 10 15

Ser Trp Leu Gln Thr Glu
20

<210> 135

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 135

Arg Arg Arg Arg Arg Arg Arg Thr Ala Leu Asp Trp Ser Trp Leu Gln
1 5 10 15

Thr Glu

<210> 136

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 136

Arg Arg Arg Arg Arg Arg Arg Thr Ala Leu Asp Trp Ser Trp Leu Gln
1 5 10 15

Thr Glu

<210> 137

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 137

Tyr Ala Arg Lys Ala Arg Arg Gln Ala Arg Arg Thr Ala Leu Asp Trp
1 5 10 15Ser Trp Leu Gln Thr Glu
20

<210> 138

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 138

Tyr Ala Arg Lys Ala Arg Arg Gln Ala Arg Arg Thr Ala Leu Asp Trp
1 5 10 15Ser Trp Leu Gln Thr Glu
20

<210> 139

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 139

Tyr Ala Arg Ala Ala Arg Arg Ala Ala Arg Arg Thr Ala Leu Asp Trp
1 5 10 15Ser Trp Leu Gln Thr Glu
20

<210> 140

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 140

Thr Ala Leu Asp Trp Ser Trp Leu Gln Thr Glu
1 5 10

<210> 141
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 141
Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Leu Asp Trp Ser Trp
1 5 10 15

Leu

<210> 142
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 142
Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Leu Asp Trp Ser Trp
1 5 10 15

Leu

<210> 143
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 143
Arg Arg Met Lys Trp Lys Lys Leu Asp Trp Ser Trp Leu
1 5 10

<210> 144
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 144
Arg Arg Met Lys Trp Lys Lys Leu Asp Trp Ser Trp Leu
1 5 10

<210> 145

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 145

Arg Arg Arg Arg Arg Arg Arg Leu Asp Trp Ser Trp Leu
1 5 10

<210> 146

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 146

Tyr Ala Arg Ala Ala Arg Arg Ala Ala Arg Arg Leu Asp Trp Ser Trp
1 5 10 15

Leu

<210> 147

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 147

Tyr Ala Arg Ala Ala Arg Arg Ala Ala Arg Arg Leu Asp Trp Ser Trp
1 5 10 15

Leu

<210> 148

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 148

Arg Arg Arg Arg Arg Arg Arg Leu Asp Trp Ser Trp Leu
1 5 10

<210> 149

<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 149
Arg Arg Arg Arg Arg Arg
1 5

<210> 150
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 150
Arg Arg Arg Arg Arg Arg
1 5

<210> 151
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 151
Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 152
<211> 9
<212> PRT
<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 152
Arg Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 153

Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg
1 5 10

<210> 154

<211> 11

<212> PRT

<213> Artificial Sequence

<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 154

Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg
1 5 10

<210> 155

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 155

Arg Arg Arg Arg Arg Arg
1 5

<210> 156

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 156

Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 157

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 157

Arg Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 158
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 158
Arg Arg Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 159
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 159
Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg
1 5 10

<210> 160
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 160
Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg
1 5 10